

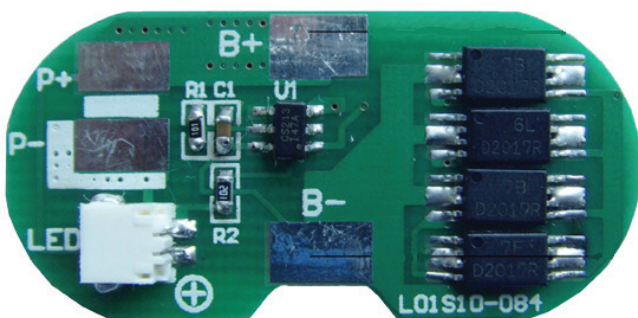


## PCM for 3.6/3.7V Lilon Battery Pack

### SPECIFICATIONS

| No. | Test Item                 | Criterion                              |                        |
|-----|---------------------------|--|------------------------|
| 1   | Voltage                   | Charging voltage                       | DC4.2V CC/CV           |
|     |                           | Balance voltage for single cell        | N/A                    |
| 2   | Current                   | Balance current for single cell        | N/A                    |
|     |                           | Current consumption for single cell    | ≤10μA                  |
|     |                           | Maximal continuous charging current    | 10A                    |
|     |                           | Maximal continuous discharging current | 10A                    |
| 3   | Over Charge Protection    | Over charge detection voltage          | 4.35±0.025V            |
|     |                           | Over charge detection delay time       | 0.5S—2S                |
|     |                           | Over charge release voltage            | 4.05±0.05V             |
| 4   | Over Discharge Protection | Over discharge detection voltage       | 2.50±0.062V            |
|     |                           | Over discharge detection delay time    | 10mS—200mS             |
|     |                           | Over discharge release voltage         | 2.50±0.062V            |
| 5   | Over Current Protection   | Over current detection voltage         | N/A                    |
|     |                           | Over current detection current         | 18±3A                  |
|     |                           | Detection delay time                   | 5ms—20ms               |
|     |                           | Release condition                      | Cut load               |
| 6   | Short Protection          | Detection condition                    | Exterior short circuit |
|     |                           | Detection delay time                   | 200-500us              |
|     |                           | Release condition                      | Charge release         |
| 7   | Resistance                | Protection circuitry (MOSFET)          | ≤50mΩ                  |
| 8   | Temperature               | Operating Temperature Range            | -40~+85°C              |
|     |                           | Storage Temperature Range              | -40~+125°C             |
| 9   | Dimensions                | L 34.5mm x W 17mm x T 2mm              |                        |

### IMAGE



### CONNECTION DIAGRAM

